| Index of Claims  | Application No.  | Applicant(s)  |               |  |  |  |  |  |
|--|------------------|---------------|---------------|--|--|--|--|--|
| † 1881): BB1(B 1810)   B1() B1() B1() B1() B1() B1() B1() B1() | 09/842,265       | KELLER ET AL. | KELLER ET AL. |  |  |  |  |  |
|  | Examiner         | Art Unit      |               |  |  |  |  |  |
|  | Susanna M. Diaz  | 3623          |               |  |  |  |  |  |
| √ Rejected – (Through numer Cancelled                          | ral) Non-Elected | A Appeal      |               |  |  |  |  |  |

|  |          | = Allowed |          |          |          |            |          |              | ÷  | ÷ Restricted |            |           |          |                   |   |              | I            | Interference |          |              |           |          | O Objected |        |            |          |                    |           |  |              |          |          |              |           |
|--|----------|-----------|----------|----------|----------|------------|----------|--------------|--|--------------|------------|-----------|----------|-------------------|---|--------------|--------------|--------------|----------|--------------|-----------|----------|------------|--------|------------|----------|--------------------|-----------|--|--------------|----------|----------|--------------|-----------|
| Cla  | aim      | Γ         |          |          | Date Cla |            |          |              |  |              | Claim D    |           |          |                   |   | Date         |              |              |          |              | ]         | CI       | aim        | Date   |            |          |                    |           |  |              |          |          |              |           |
| Final  | Original | 5/16/05   |          |          |          |            |          |              |  |              | Cain       | rinai     | Original |                   |   |              |              |              |          |              |           |          |            | Final  | Original   |          |                    |           |  |              |          |          |              |           |
|  | 1        | ÷         |          | F        | 1        | 1          |          |              |  |              |            |           | 51       |                   |   |              |              |              |          |              |           |          | 1          |        | 101        |          |                    |           |  |              |          |          | ight display |           |
| -  | 3        | +         | ┼-       | ╁        | +-       | +-         | +        | ╁            | ┼  | ┢            | <u> </u> - | $\dashv$  | 52<br>53 |                   |   | -            |              |              | -        |              |           | H        | ł          |        | 102<br>103 | $\vdash$ | $\dashv$           | -         |  | <u> </u>     | ├        | <u> </u> | ⊢            | 1         |
| -  | 4        | +         | -        | ╁╌       | +-       | +          | +        | +            | ╁┄   | $\vdash$     |            | $\dashv$  | 54       |                   | $\vdash$  | -            | -            |              | -        |              |           | <b> </b> | ł          |        | 103        | $\vdash$ | $\vdash$           | $\dashv$  |  | -            | ╁        | ⊢        | ⊬            | $\vdash$  |
|  | 5        | +         | <b>!</b> | +        | +-       | ┼┈         | +        | ╁            | ╁  |              |            | _         | 55       | -                 | $\neg$  |              | $\dashv$     |              |          |              |           | $\vdash$ | ł          | ·      | 105        |          |                    | -         |  | $\vdash$     | $\vdash$ | ⊢        | ⊢            | $\vdash$  |
| -  | 6        | +         | t        |          | $\top$   | +          | Ť        |              |  |              | <u> </u>   | ᅥ         | 56       |                   |   |              |              |              |          | _            |           |          | 1          |        | 106        |          | $\dashv$           | -         |  |              |          |          | ┢            | H         |
|  | 7        | +         | 1        | 1        | T        |            | 1        | T            | 1  | Ħ            |            | $\neg$    | 57       |                   |   | T            | $\neg$       |              |          |              |           |          | 1          | l      | 107        |          | T                  | 7         |  |              |          |          | $\vdash$     | Н         |
|  | 8        | +         |          |          |          | Ī          |          | 1            |  |              |            | T         | 58       |                   |   | $\exists$    |              |              |          |              |           |          | 1          |        | 108        |          |                    | T         |  |              | Г        |          | T            | $\vdash$  |
|  | 9        | +         |          |          |          |            |          |              |  |              |            |           | 59       |                   |   |              |              |              |          |              |           |          |            |        | 109        |          |                    |           |  |              | Г        |          | Г            | $\Box$    |
|  | 10       | +         |          |          |          |            |          |              |  |              |            |           | 60       |                   |   |              |              |              |          |              |           |          |            |        | 110        |          |                    |           |  |              |          |          |              |           |
|  | 11       | +         | L        |          | $\perp$  | _          | 1        | <u> </u>     | _  | Щ            |            | _         | 61       |                   |   |              | [            |              |          |              |           |          |            |        | 111        |          |                    |           |  |              |          |          |              |           |
|  | 12       | +         |          | L        | <u> </u> | ļ          | ╄        | <del> </del> | <u> </u>   | Ш            | $\perp$    | _         | 62       |                   |   | _            | _            |              | _        |              |           |          |            |        | 112        |          |                    | $\perp$   | _  |              | L        |          |              |           |
| -  | 13       | +         |          | L        | ╄-       | <u> </u>   | <u> </u> |              | <u> </u>   | Ш            | -          | _         | 63       | _                 | _   | _            | _            |              |          |              |           |          |            | _      | 113        |          | _                  | $\perp$   |  |              |          |          | <u> </u>     | Ш         |
| $\vdash$                                     | 14       | +         | <u> </u> | ├        | +        | —          | ļ        | ┿            | ļ  |              | _          |           | 64       |                   | _   | _            | _            |              | _        |              |           |          |            |        | 114        | _        | _                  | _         |  |              |          |          | L            | Ш         |
| -  | 15       | +         |          | ┢        | ╄        | ├-         | +        | ┼            | -  | $\square$    | -          | -         | 65       |                   | -   | $\dashv$     |              |              | }        | 4            | _         | <u> </u> |            |        | 115        |          |                    | $\dashv$  |  | _            | <u> </u> |          | L            | Ш         |
|  | 16<br>17 | +         | -        | ⊢        | ╀        | ╀          | ┼        | -            | ┝  | Н            | <u> </u>   | -         | 66       |                   | -   |              | -            |              | -1       | $\dashv$     |           | _        |            |        | 116        |          | _                  | $\dashv$  | _  |              |          | L.       |              | Ш         |
| -  | 18       | +         |          | ┝        | ┼        | ┼          | $\vdash$ | $\vdash$     | ⊢  | $\vdash$     |            | $\dashv$  | 67       | $\dashv$          | -   | $\dashv$     | -            | -            |          |              | -         |          |            |        | 117        | -        | _                  | 4         |  | -            | _        | ļ;       | <u> </u>     | Н         |
| $\vdash$                                     | 19       | +         | $\vdash$ | $\vdash$ | ╁╌       | ┼          | ╁        | $\vdash$     | ┢  | $\vdash$     | -          | $\dashv$  | 68<br>69 |                   |   | $\dashv$     | -            | -            |          |              | $\dashv$  | Н        |            |        | 118        |          | -+                 | -         |  |              | ├        |          | $\vdash$     | $\square$ |
| $\vdash$                                     | 20       | +         | $\vdash$ | $\vdash$ | +        | ╁╾         | ╁        | ╁            |  | H            | -          | +         | 70       | $\dashv$          | -   | -            | $\dashv$     | $\dashv$     | -        |              | -         | H        |            |        | 119<br>120 |          | -                  | +         | _  |              | _        |          | H            | $\vdash$  |
|  | 21       | +         | -        | ╁╌       | 1-       | +          | +        | $\vdash$     | ├  |              | $\vdash$   | +         | 71       | -                 |   | $\dashv$     |              | {            | $\dashv$ | $\dashv$     | -         |          |            | -      | 121        | $\dashv$ | $\dashv$           | +         |  |              |          | -        | <del> </del> | H         |
|  | 22       | +         |          |          | $\vdash$ | 1          | 1        |              | _  | $\vdash$     |            | -         | 72       |                   |   | 7            | -            | $\dashv$     | $\dashv$ | -            | $\dashv$  | $\vdash$ |            |        | 122        | $\dashv$ | $\dashv$           | ᆉ         |  |              | _        |          | Н            | Н         |
|  | 23       | +         | _        | T        | Ì        |            |          |              | <del>                                     </del> | Н            | <u> </u>   | _         | 73       |                   | 寸   | 寸            | 7            | T            | 1        |              |           |          |            |        | 123        | 一        |                    | 7         | ┪  |              | -        |          | Н            | Н         |
|  | 24       | +         |          | Ι        | T        |            |          |              |  |              |            | T         | 74       |                   |   |              | 7            | _            | _        |              | $\neg$    |          |            |        | 124        | 1        | $\top$             | 7         | ┪  | _            |          |          | П            | Н         |
|  | 25       | +         |          |          |          |            |          |              |  |              |            | $\exists$ | 75       | 7                 | T   | T            |              |              |          | T            | $\neg$    |          |            |        | 125        |          | 1                  | $\forall$ |  |              |          | _        | Н            | Н         |
|  | 26       | +         |          |          |          |            |          |              |  |              |            | T         | 76       |                   |   |              | $\neg$       |              |          |              |           |          |            |        | 126        |          | 7                  | T         | T  |              |          |          | П            | $\Box$    |
|  | 27       | +         |          |          |          |            |          |              |  |              |            |           | 77       |                   |   |              |              |              |          |              |           |          | Ī          | İ      | 127        |          | 1                  | 7         |  |              |          |          | $\Box$       | П         |
|  | 28       | +         |          | L.       | <u> </u> | L          | <u> </u> |              |  |              |            | $\perp$   | 78       |                   |   |              |              |              |          |              |           |          |            |        | 128        |          |                    | $\Box$    |  |              |          |          | П            |           |
|  | 29       | +         |          |          | <u> </u> | L          |          |              |  | $\Box$       | <u> </u>   | _         | 79       | _                 |   |              | $\perp$      | _            |          | _            | _         |          |            |        | 129        |          |                    |           |  |              |          |          |              |           |
| $\vdash$                                     | 30       | +         |          |          |          | _          |          |              | _  |              | <u> </u>   | $\perp$   | 80       |                   |   | _            | _            | 4            | _        | _            | .         |          | - [        |        | 130        |          |                    |           |  |              |          |          |              |           |
| -  | 31       | +         |          |          | <u> </u> | <u> </u>   | <u> </u> | $\sqcup$     |  | _            | <u> </u>   | 4         | 81       | $\dashv$          | _   | 4            | 4            | _            | _        | _            | _         | _        | ļ          |        | 131        | 4        | $\perp$            | 1         |  | _            |          |          | $\square$    |           |
|  | 32<br>33 | +         | -        |          | -        | -          | ⊢        | Н            |  |              | -          | +         | 82       | $\dashv$          | +   | $\dashv$     | $\dashv$     | 4            |          | _            | -         | _        | -          |        | 132        | 4        | 4                  | 4         | 4  | _            | _        | $\dashv$ | _            |           |
| -  | 34       | +         | -        |          |          | -          |          | $\vdash$     |  | -            | -          | +         | 83<br>84 | $\dashv$          | +   |              | +            | $\dashv$     |          | -+           | $\dashv$  |          | -          |        | 133        | _        | -                  | +         | 4  |              | _        |          |              | _         |
|  | 35       | +         | $\dashv$ |          | ╁        |            |          | -            |  | $\dashv$     |            | +         | 85       | $\dashv$          | +   | +            |              |              | $\dashv$ | ᅪ            | -+        |          | ŀ          |        | 134<br>135 | $\dashv$ | -                  | +         | -1   |              |          | $\dashv$ | $\dashv$     |           |
|  | 36       | +         |          | <u>.</u> |          |            |          | $\vdash$     |  |              |            |           | 86       | -                 | $\dashv$  | -+           | +            | $\dashv$     | +        | +            | -+        | $\dashv$ | H          |        | 136        | $\dashv$ | -+                 | +         | +  |              |          |          | $\dashv$     |           |
| $\vdash$                                     | 37       | +         |          |          |          |            |          |              |  | $\dashv$     |            |           | 87       | 1                 | -+  | +            | +            | 十            | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$ | ŀ          | -      | 137        | $\dashv$ | ╬                  | +         | +  | $\dashv$     |          | $\dashv$ | $\dashv$     |           |
|  | 38       | +         | _        |          |          |            |          |              | $\neg$   | $\dashv$     |            |           | 88       | -                 | +   | $\dashv$     | +            | $\dashv$     | 1        | 1            | $\dashv$  | $\dashv$ | ŀ          |        | 138        | +        | +                  | +         | $\dashv$   | -+           | $\dashv$ | -        | ᆉ            |           |
|  | 39       |           | $\neg$   |          |          |            | _        | П            |  | ヿ            |            | 十         | 89       | $\top$            | $\dashv$  | $\top$       | 十            | ┪            | _        | _            | $\dashv$  | $\neg$   | ı          |        | 139        | +        | $\dashv$           | +         | ┪  | +            | 寸        | $\dashv$ | $\dashv$     | $\dashv$  |
|  | 40       |           |          |          |          |            |          | П            |  | $\neg$       |            |           | 90       | $\neg$            | Ť   | $\top$       |              | $\top$       | _        | 7            | 1         | ┪        | ľ          | $\neg$ | 140        | _        | $\dashv$           | $\dagger$ | +  | _            | $\dashv$ | $\dashv$ | $\dashv$     |           |
|  | 41       |           |          |          |          |            |          |              |  |              |            |           | 91       | $\top$            |   |              | 7            |              | 寸        | T            | T         |          | - 1        |        | 141        | 7        | ┪                  | 1         | 7  | $\dashv$     | _        | $\dashv$ | コ            |           |
|  | 42       | $\Box$    |          |          |          |            |          |              |  |              |            |           | 92       |                   |   |              | I            |              |          |              | $\exists$ |          | Ī          |        | 142        | $\neg$   | $\top$             | $\top$    | 7  | $\neg$       | $\dashv$ | 7        | $\dashv$     | $\dashv$  |
| <u>                                     </u> | 43       | _         | [        |          |          | Ш          |          |              |  | $\Box$       |            |           | 93       | $oldsymbol{\bot}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $oxed{T}$    |              | $\Box$       |          | $oxed{oxed}$ | $\prod$   |          |            |        | 143        |          |                    | I         | ╛  |              |          |          |              |           |
| $\vdash \downarrow$                          | 44       | _         | _        |          | Щ        |            | Щ        |              |  | _            | <u> </u>   |           | 94       | 4                 |   | _            | $\perp$      | $\perp$      | _]_      | Ţ            | Ţ         |          |            |        | 144        |          |                    | $\perp$   |  |              |          |          |              |           |
|  | 45       | _         | _        | _        | Щ        |            | Щ        |              | _  | $\dashv$     | L          |           | 95       | 4                 | 4   | 1            | $\perp$      |              | _        | $\perp$      | $\perp$   | $\Box$   |            | $\Box$ | 145        | $\Box$ I | $oldsymbol{\perp}$ | $\perp$   | $oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\Box$       | $\Box$   | $\Box$   | $\Box$       |           |
|  | 46       | _         |          | _        | Ш        |            |          | _            |  | 4            |            | 4         | 96       | $\perp$           | +   | $\downarrow$ | $\downarrow$ | 4            | $\perp$  | $\perp$      | 4         | _        | L          |        | 146        |          | 4                  | Ţ         | $\bot$   | $\perp$      | $\prod$  | _[       | $\Box$       |           |
|  | 47<br>48 | $\dashv$  |          |          |          | _          |          | $\dashv$     |  |              | <u> </u>   |           | 97       | $\dashv$          |   | +            | 4            | $\downarrow$ | -        | $\downarrow$ | 4         | _        | -          |        | 147        | _        | $\bot$             | 4         | 4  | $\downarrow$ | _        | _        | _            | $\Box$    |
|  | 49       | $\dashv$  |          | $\dashv$ | $\dashv$ | -          | -        | -            |  |              | -          | +         | 98<br>99 | +                 | +   | +            | +            | +            |          | +            | +         |          | F          |        | 148        | _        | +                  | 4         | $\dashv$   | $\dashv$     |          |          | 4            | _         |
|  | 50       | -         | $\dashv$ |          | -        | <b>-</b> ∤ | -        | +            | $\dashv$   | $\dashv$     | -          |           | 100      | +                 | +   |              | +            | +            | +        | +            | -+        | $\dashv$ | -          |        | 149        | +        | +                  | +         | 4  | _            | 4        | _        | 4            | _         |
|  | 50       |           |          | l        |          |            |          | 1            | 1  |              |            |           | UU       |                   | Щ.  |              |              |              |          |              | _1        |          | L          |        | 150        |          |                    | $\perp$   | $\perp$  |              |          |          | $\perp$      |           |